

Sub 95  
Orotidine-5'-phosphate decarboxylase gene, gene construct  
comprising this gene and its use

## 5 Abstract

The invention relates to an orotidine-5'-phosphate decarboxylase gene having the sequence SEQ ID No. 1 or its homologs, to a gene construct comprising this gene or its homologs, and to its use.

- 10 The invention additionally relates to vectors or organisms comprising an orotidine-5'-phosphate decarboxylase gene having the sequence SEQ ID No. 1 or its homologs.

- The invention further relates to a process for producing  
15 uracil-auxotrophic microorganisms and to a process for inserting DNA into uracil-auxotrophic microorganisms.

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